NPIC/R-1020/63 January 1963

PHOTOGRAPHIC INTERPRETATION REPORT



IPIR BRASS KNOB MISSION 3351 **10 JANUARY 1963**









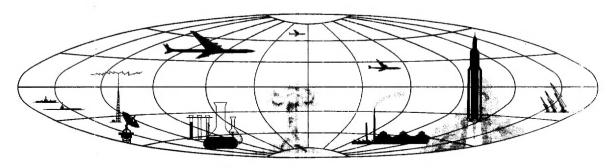
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Declass Review by NIMA/DOD



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NPIC/R-1020/63

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

IMMEDIATE PHOTOGRAPHIC INTERPRETATION REPORT

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM BRASS KNOB MISSION 3351 DATED 10 JANUARY 1963. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

25X1A

-MISSILES-

SANTO TOMAS SUSPECT SSM ACTIVITY 2233N Ø8351W

NO MILITARY OR MISSILE ACTIVITY NOTED.

25X1D

MATANZAS CITY: LA CUMBRE ALTA 2304N Ø8133W

NO MILITARY ACTIVITY OR VEHICLES NOTED.
BLURRED IMAGE PRECLUDES DETAILED INTERPRETATION.

25X1D

SANTA LUCIA SAM SITE 2241N Ø8355W

FOUR LAUNCH REVETMENTS WITH CANVAS-COVERED LAUNCHERS AND TWO LAUNCH REVETMENTS WITH POSSIBLE LAUNCHERS. HOLD REVETMENT AND CENTRAL GUIDANCE REVETMENTS ARE NET-COVERED. FOUR TENTS AND APPROXIMATELY 8 VEHICLES NOTED IN AREA.

25X1D

25X1A

SAN JULIAN AIRFIELD SAM SITE 2205N 08409W

SIX LAUNCH POSITIONS VISIBLE, 3 WITH CANVAS-COVERED LAUNCHERS AND 3 WITH LAUNCHERS AND PROBABLE MISSILES. OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

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25X1A

LA COLOMA SAM SITE 2218N Ø8332W

SIX LAUNCH POSITIONS WITH LAUNCHERS OBSERVED.
OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

25X1D.

MARIEL SAM SITE 2300N 08249W

MISSILES ARE PROBABLY ON 4 LAUNCHERS. STATUS OF TWO OTHER LAUNCHERS COULD NOT BE DETERMINED. POOR IMAGE QUALITY LIMITS INTERPRETATION.

25X1D

MATANZAS SAM SITE 2301N 08129W

SITE INCLUDES 2 TENT-LIKE SHELTERS IN THE GUIDANCE AREA, 3 PROBABLE CANVAS-COVERED MISSILE TRANSPORTERS, AND 3 LARGE TENTS. THE 6 LAUNCH POSITIONS ARE STILL COVERED BY SHELTERS.

25X1D

HAVANA SAM SITE 23Ø9N Ø8213W

SIX LAUNCH POSITIONS (4 ARE CANVAS-COVERED AND PROBABLY OCCUPIED AND 2 APPEAR UNDCCUPIED). FOUR PROBABLE TRANSPORTERS OBSERVED IN CANVAS-COVERED HOLD POSITION.

25X1D

CIENFUEGOS SAM SITE 2202N 08024W

SIX MISSILES ON LAUNCHERS. SIX PROBABLE MISSILE TRANSPORTERS IN HOLD POSITIONS OBSERVED.

25X1D

0 E

25X1A

25X1A

25X1A

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SANCTI SPIRITUS SAM SITE 2147N Ø7929W

MISSILES ARE ON 3 OF THE 6 LAUNCHERS. ONE HOLD POSITION CONTAINS 3 MISSILE TRANSPORTERS AND THE OTHER TWO HOLD POSITIONS CONTAIN ONE MISSILE TRANSPORTER EACH.

25X1D -

SIGUANEA SAM SITE 2137N Ø8257W

SIX LAUNCHERS WITH A PROBABLE MISSILE ON EACH AND 6-8 CANVAS-COVERED MISSILE TRANSPORTERS OBSERVED. NO APPARENT CHANGE: IN MISSILE SUPPORT AREA.

25X1D

25X1A

DELETTE SAM SITE 2259N Ø8Ø45W

SITE APPEARS TO HAVE 6 LAUNCHERS, ALL WITH MISSILES. POOR IMAGE QUALITY LIMITS INTERPRETATION.

25X1D

25X1A

PINAR DEL RIO SAM ASSEMBLY AREA 2221N Ø8339W

SITE CONTAINS 6 MISSILE TRANSPORTERS WITH MISSILES. 19 EMPTY MISSILE TRANSPORTER TRAILERS WITH 17 TRACTORS, AND AT LEAST 20 MISSILE CANISTERS.

LOMA DE TIERRA MILITARY CAMP 2301N 08213W

NUMEROUS VEHICLES IN AREA. POOR IMAGE QUALITY PRECLUDES FURTHER INTERPRETATION.

SIGUANEA CRUISE-MISSILE SITE 2137N Ø8258W

ONE MISSILE TRANSPORTER NEAR CANVAS-COVERED STORAGE REVETMENTS AT FOOT OF HILL AND TWO CANVAS-COVERED, REVETTED LAUNCHERS OBSERVED. THE

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25X1D

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16 COASTAL DEFENSE GUN REVETMENTS STILL UNDCCUPIED. VEHICLES AND EQUIPMENT COVERED BY EXTENSIVE NETTING AND CANVAS.

25X1D

25X1A

SANTA CRUZ DEL NORTE CRUISE-MISSILE SITE 2309N 08156W

SITE CONTAINS ONE UNCOVERED LAUNCHER, ONE CANVAS-COVERED LAUNCHER. 10 CRUISE-MISSILE SHIPPING CRATES. 6 TENTS AND ABOUT 18 VEHICLES.

25X1D

CAMPO FLORIDA POSS CRUISE-MISSILE SITE 2306N 08211W

VEHICLES -- 4 CANVAS-COVERED MISSILE TRANSPORTERS. AND 8 TRACKED PRIME MOVERS. APPROXIMATELY 15 MISCELLANEOUS PIECES OF EQUIPMENT NOTED.

25X1D

-AIRFIELDS-

CAMILO CIENFUEGOS (SANTA CLARA) AIRFIELD 2229N Ø7955W

AIRCRAFT -- APPROXIMATELY 30 UNIDENTIFIED AIRCRAFT. OBLIQUITY LIMITS INTERPRETATION.

25X1D

SAN ANTONIO DE LOS BANOS AIRFIELD 2252N Ø8231W

AIRCRAFT -- 13 PROBABLE FISHBED, 2 PROBABLE FARMER, 26 FAGOT/FRESCO, 11 B-26, 2 CRATE, 3 C-47, AND 9 UNIDENTIFIED SINGLE-ENGINE AIRCRAFT. EIGHT HELICOPTERS ALSO NOTED.

25X1D '

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25X1A

25X1A

SAN JULIAN AIRFIELD 2206N 08409W

NO AIRCRAFT OBSERVED. APPROXIMATELY 100 PROBABLE

VEHICLES NOTED IN AREA.

25X1D.

JOSE MARTI INTERNATIONAL AIRFIELD 2300N 08224W

AIRCRAFT -- ONE TU-114, 4 CRATE, ONE CAB, ONE VISCOUNT, 3 BRITANNIA, 3 CONSTELLATION, 6 C-46, 4

PROBABLE C-54, ONE B-26, AND 4 LIAISON-TYPE AIRCRAFT.

25X1D

CAMPO LIBERTAD AIRFIELD 2306N 08226W

AIRCRAFT -- 10 COLT, ONE PBY, AND APPROXIMATELY 30

UNIDENTIFIED SINGLE-ENGINE AIRCRAFT.

PLAYA BARACOA AIRFIELD 2302N 08235W

AIRCRAFT -- 50 HOUND AND 9 HARE HELICOPTERS OBSERVED.

NUMEROUS ASSORTED CRATES NOTED.

MANAGUA AIRFIELD 2258N Ø8217W

AIRCRAFT -- NONE OBSERVED.

COLONEL MARTIN MARRERRO AIRFIELD 2150N 08247W

NO AIRCRAFT OBSERVED.

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25X1D

25X1D

25X1D

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JAINE GONZALES AIRFIELD 2209N 08025W

AIRCRAFT -- NONE OBSERVED.

25X1D

TRINIDAD AIRFIELD 2147N Ø7959W

AIRCRAFT -- ONE POSSIBLE LIAISON-TYPE AIRCRAFT.

25X1D

-PORTS-

MARIEL NAVAL PORT 2301N 08245W

VESSELS -- 10 KOMAR-CLASS PGMG AND 2 PF OBSERVED.
NO MILITARY EQUIPMENT NOTED.

25X1D

CIENFUEGOS PORT 2209N 08027W

VESSELS -- NO LARGE VESSELS, BUT 4 PT BOATS AND SEVERAL OTHER SMALL PATROL CRAFT OBSERVED AT CAYO LOCO.

25X1D

NUEVA GERONA PORT 2153N Ø8248W

VESSELS -- NUMEROUS SMALL CRAFT OBSERVED.
POOR IMAGE QUALITY PRECLUDES FURTHER INTERPRETATION

25X1D

CARDENAS PORT 2302N 08112W

VESSELS -- NUMEROUS SMALL VESSELS OBSERVED. NO MILITARY ACTIVITY NOTED.

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25X1A

CASILDA PORT 2145N Ø7959W

NO MILITARY EQUIPMENT NOTED.

25X1D ·

MATANZAS PORT 2303N 08134W

VESSELS -- ONE SMALL AND 2 LARGE FREIGHTERS AND ONE BARGE OBSERVED.
POOR IMAGE QUALITY PRECLUDES FURTHER INTERPRETATION.

25X1D

HAVANA PORT 23Ø8N Ø8221W

VESSELS -- ONE PROBABLE PF, 27 LARGE FREIGHTERS, ONE TANKER, AND NUMEROUS SMALL CRAFT OBSERVED.
POOR IMAGE QUALITY PRECLUDES FURTHER INTERPRETATION.

25X1D

CABANAS PORT 2259N Ø8256W

NO VESSELS OR MILITARY EQUIPMENT NOTED.

25X1D

BAHTA HONDA PORT 2255N Ø8311W

VESSELS -- NONE OBSERVED.
NO MILITARY ACTIVITY NOTED.

VESSELS -- NONE OBSERVED.

25X1D

PUNTA GERARDO SECURED PORT FACILITY 2256N Ø8311W

25X1A

25X1A

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25X1D

SIGUANEA PORT 2136N Ø8259W

VESSELS -- ONE KRONSTADT-TYPE PC OBSERVED.

25X1D

-MILITARY ACTIVITY-

PINAR DEL RIO, MILITARY CONCENTRATION 2223N Ø8342W

SITE CONTAINS APPROXIMATELY 85 VEHICLES, 7 LARGE TENTS. 4 SMALL TENTS, AND SEVERAL SMALL BUILDINGS.

25X1D

ARTEMISA MILITARY CAMP 2251N Ø8248W

LARGE T-SHAPED BUILDING APPARENTLY IS STILL UNDER CONSTRUCTION. POOR IMAGE QUALITY PRECLUDES IDENTIFICATION OR COUNT OF VEHICLES OR EQUIPMENT.

25X1D

TORRENS MILITARY CONCENTRATION 2259N Ø8228W

COUNT OF VEHICLES AND TENTS REMAINS UNCHANGED.

25X1D

MANAGUA, MILITARY INSTALLATION 2258N Ø8217W

APPROXIMATELY 200 VEHICLES INCLUDING 11 LOWBOY TRAILERS OBSERVED IN AREA.

25X1D

25X1A

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MATANZAS LANDING BEACH 2301N 08126W

NO NEW MILITARY ACTIVITY NOTED.

25X1D

-STATUS OF OTHER TARGETS-

MISSION 3351 DID NOT COVER TARGETS EAST OF 79 DEGREES 15 MINUTES WEST LONGITUDE.

THE FOLLOWING TARGETS SHOW NO CHANGE SINCE LAST COVERAGE --

25X1A

SAN CRISTOBAL MRBM SITE 1	224ØN Ø8317W
SAN CRISTOBAL MRBM SITE 3	2242N Ø83Ø8W
GUANAJAY IRBM SITE 1	2257N Ø8239W
SAN CRISTOBAL MRBM SITE 4	2246N Ø8258W
GUANAJAY IRBM SITE 2	2257N Ø8236W
DELLAMAD SUSPECT SSM ACTIVITY	23Ø2N Ø8133W
CASTIDA: MISSILE FOUIPMENT AREA	2146N Ø7958W
DELETTE ALTERNATE SAM SITE	23Ø1N Ø8Ø44W
SANTA LUCIA ALTERNATE SAM SITE	2243N Ø8349W
IN STERRA CRITISE-MISSILE SITE	2156N Ø8Ø19W
SIGUANEA AIRFIELD	2138N Ø8257W
CORONEL PASCUAL AIRFIELD	2307N Ø8117W
MARIEL NAVAL AIR STATION	2300N 08246W
PINAR DEL RIO AIRFIELD	2225N Ø8341W
SANTA LUCIA, PORT FACILITIES	224ØN Ø8358₩
A COLOMA DODT	2214N Ø8334W
LA FLORA AREA, MILITARY STORAGE	2252N Ø8233W
LA ROCA, MILITARY CAMP	23Ø1N Ø8242W
	2307N Ø8212W
HAVANA AMMINITION STORAGE AREA U/C	23Ø1N Ø8226W
LIMONAR AREA, MILITARY INSTALLATION	2255N Ø8124W
SPECIAL AREA ALPHA	2258N Ø8227W
SPECIAL AREA HOTEL	2301N 08246W
SPECIAL AREA BRAVO BLUE	225ØN Ø8233W
SPECIAL AREA BRAVO RED	2254N Ø8231W
SPECIAL AREA VICTOR	2300N 08234W
SDECTAL AREA TANGO	2258N Ø8244W
LAS VILLAS AREA OF SPECIAL INTEREST	2146N Ø7959W
TARARA AREA, LANDING BEACH	231ØN Ø8212W
VARADERO, LANDING BEACH	23Ø8N Ø8118W
CIENFUEGOS, BEACH	2202N 08026W
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25X1B

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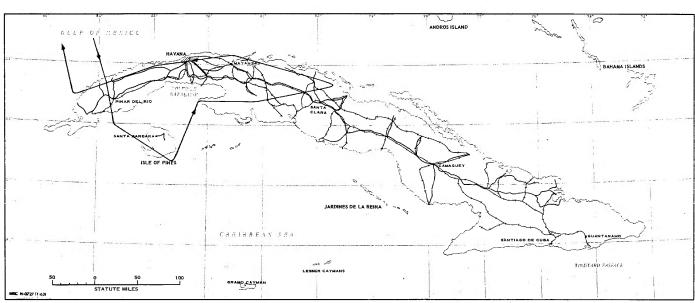
2256N Ø8252W

2202N 08025W

PUNTA COLOMBO, LANDING BEACH PLAYA DE FLAMENCOS, LANDING BEACH	2154N	Ø824ØW
PLAYA DE FLAMENCOS, LANDING BEACH	2153N	Ø8243W
MENDOZA O ISABEL RUBIO, TRANSSHIPMENT POINT	22Ø9N	Ø84Ø5W
MANAGUA, MUNITIONS STORAGE SITE BEJUCAL MUNITIONS STORAGE SITES	2256N	Ø8223W
		Ø8ØØ4W
AGUAS CLARAS, PROB MILITARY EQUIPMENT AREA	2213N	Ø8323W
SANTA BRIGIDA, MILITARY ACTIVITY	23Ø4N	Ø8137W
THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT		
NOT INTERPRETED		
SAGUA LA GRANDE MRBH SITE 1	2243N	Ø8ØØ1W
SAGUA LA GRANDE MRBM SITE 1 SAGUA LA GRANDE MRBM SITE 2	2239N	Ø7951W
REMEDIOS IRBM SITE	2225N	Ø7935W
BARTOLOME (REMEDIOS AREA), SUSP SSM ACTIVITY	2226N	Ø7934W
SALAMANCA (REMEDIOS AREA), SUSP SSM ACTIVITY		
		Ø8317W
SAGUA LA GRANDE SAM SITE	2251N	Ø8ØØ5W
BAHIA HONDA SAM SITE SAGUA LA GRANDE SAM SITE SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA	2257N	Ø8221W
CIFUENTES SAM ASSEMBLY AREA	2236N	Ø8ØØ5W
GUERRA POSSIBLE CRUISE-MISSILE SITE	2300N	Ø825ØW
CAYO LARGO AIRFIELD	2137N	Ø8133W
LA ISABELA PORT	2256N	Ø8ØØ1W
HAVANA AREA, COMMUNICATIONS CENTER	2300N	Ø8226W
		Ø8311W
		Ø7934W
SANTIAGO DE LAS VEGAS AREA, MILITARY CAMP		
SAN JOSE DE LAS LAJAS AREA, MILITARY CAMP		
SANTA CLARA AREA, MILITARY ACTIVITY	2221N	Ø7957W
SAN FRANCISCO DE PAULA. MUNITIONS STORAGE	2303N	Ø8218W
SANTA CLARA AREA, MILITARY INSTALLATION	2224N	Ø7953W
MANICARAGUA AREA, EXPLOSIVES STORAGE SITE	2286N	Ø7958W
प्रतासका अनुस्थान अन्य क्षेत्र विकास का स्थाप का		
THE FOLLOWING TARGETS WERE NOT COVERED OR		
WERE NOT OBSERVED BECAUSE OF ADVERSE WEATHER		
OR OTHER CONDITIONS		
ON CHIEN CONCESSIONS		
CAIBARIEN SAM SITE	2228N	Ø7929W
CAIBARIEN PORT		Ø7928W
SURGIDERO DE BATABANO NAVAL PORT		Ø8218W
CADAMAC ADEA MILITADY INCTALLATION		00210W

CABANAS AREA, MILITARY INSTALLATION

ENSENADA COLORADO, LANDING BEACH



APPROXIMATE TRACK OF BRASS KNOB MISSION 3351 (10 JANUARY 1963).